



# FACILITY COMPLIANCE AUDIT REPORT

## Division of Waste Management

### Solid Waste Section

#### UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compos t		SLAS		<b>COUNTY:</b> Catawba <b>PERMIT NO.:</b> 18-04 <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Closed Industrial Landfill	<b>X</b>	DEMO		SDTF		

**Date of Audit:** April 1, 2011

**Date of Last Audit:** April 29, 2010

#### FACILITY NAME AND ADDRESS:

Duke Energy - Marshall Steam Station  
 8320 East NC Highway 150  
 Terrell, North Carolina 28682

**GPS COORDINATES:** N: 35.61695 W: 80.96894

#### FACILITY CONTACT NAME AND PHONE NUMBER:

Donna Burrell, Environmental Coordinator (828) 478-7820  
[donna.burrell@duke-energy.com](mailto:donna.burrell@duke-energy.com)

#### FACILITY CONTACT ADDRESS:

Same

#### AUDIT PARTICIPANTS:

Donna Burrell, Duke Power- Environmental Coordinator  
 Carlton Allred, Duke Power-Materials Coordinator  
 Jason Mayhew, Southland Excavating  
 Charles Gerstell, NCDENR-Solid Waste Section

#### STATUS OF PERMIT:

This facility is closed. Closure and Post Closure Documentation along with Closure Certification has been submitted and received by the Solid Waste Section. A Letter of Closure will be forthcoming.

#### PURPOSE OF AUDIT:

Comprehensive

#### NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**STATUS OF PAST NOTED VIOLATIONS:**

N/A

**AREAS OF CONCERN AND COMMENTS:**

1. The facility consists of a closed ash landfill, closed asbestos landfill, and a closed construction and demolition landfill.
2. Groundwater sampling was being performed semi-annually as required.

**Inspection of the Closed Ash Landfill:**

3. The area of bare soil observed during the previous inspection on the southeast portion of the landfill at the inlet to a slope drain had been repaired.
4. The area of bare soil observed during the previous inspection at the southwest corner on top of the landfill at the slope drain had been repaired. Continue to monitor vegetative growth.
5. Edge of waste markers were in place at the time of inspection.
6. An excellent stand of grass was observed on the landfill.
7. No significant settling or ponding was observed.

**Inspection of the Closed Construction and Demolition Landfill:**

8. Edge of waste markers were in place at the time of inspection.
9. A good stand of grass was observed on the landfill.
10. Bare areas observed on the eastern slopes of the landfill during the last inspection had been seeded with some germination of seed. Please continue to monitor vegetative growth in this area to ensure the establishment of a permanent groundcover sufficient to restrain erosion.
11. Eroded slopes observed on the east side of the landfill during the last inspection had been repaired.
12. During the inspection, a portion of the eastern slope was observed where an area of erosion had been repaired near the northern most slope drain. The area had been seeded with good germination of seed.

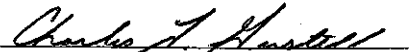
**Inspection of the Asbestos Landfill:**

13. Edge of waste markers were in place at the time of inspection.
14. A good stand of grass of grass was observed on the landfill.
15. The area of significant ponding observed during the previous inspection at the southwest corner adjacent to a gravel and rip rap filter ring had been repaired. No significant ponding was observed. This area had also been seeded with good germination of seed. Please continue to monitor vegetative growth to ensure the establishment of a permanent groundcover sufficient to restrain erosion.
16. Majority of western slopes have been stabilized with rip rap.
17. Partially displaced rip rap observed during the previous inspection at the outlet of a slope drain had been repaired.
18. As noted above, all areas of concern from the previous audit report have been repaired. Thank you for your cooperation.

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Please contact me if you have any questions or concerns regarding this audit report.

  
Charles T. Gerstell  
Environmental Senior Specialist  
*Regional Representative*

Phone: (704) 235-2144

Delivered on : <u>4/4/11</u> by	<input checked="checked" type="checkbox"/>	Electronic Correspondence		US Mail		Certified No. <input type="checkbox"/>
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Cc: Deborah Aja, Western District Supervisor  
Ed Sullivan ([ed.sullivan@duke-energy.com](mailto:ed.sullivan@duke-energy.com))  
Carlton Allred ([jcallred@duke-energy.com](mailto:jcallred@duke-energy.com))